

**IN THE CLAIMS::**

1. **(Currently Amended)** A measuring device for acoustic measurement in an ear canal, the device comprising a probe for insertion into an ear canal in a sealing manner and having an opening for transport of air into or out of the ear canal, ~~the device further comprising and a~~ pump for providing a pressure difference in relation to a surrounding atmospheric pressure, the pump comprising a housing with openings for inlet and/or outlet, ~~where within the housing one of said openings being operatively connected to the opening in the probe, a piston element having piezo electric properties is disposed, where one opening in the pump is operatively connected to the opening in the probe within the housing, and valve elements having piezo electric properties controlling the inlet and outlet openings.~~

2. **(Cancel).**

3. **(Currently Amended)** A measuring device according to claim 1, ~~where the pump is adapted to operate~~ operates at a frequency above 18 kHz, ~~preferably above 20 kHz.~~

4. **(Currently Amended)** A measuring device according to claim 1, ~~where including~~ control electronics are ~~provided~~ for controlling valve positions in relation to the piston movement in such a manner that in one mode of operation a pressure above the surrounding pressure may be obtained and in another mode of operation a pressure below the surrounding pressure may be obtained.

5. **(Currently Amended)** A measuring device according to  
claim 1, where including a pressure operated passive valve element is  
provided in connection with the pressurized parts of the device.

6.-7. **(Cancel).**

8. **(New)** A measuring device according to claim 3, wherein  
said pump operates at a frequency above 20 kHz.